

Overview of LCSA Water Resource Programs *Presented to the WRTAC*

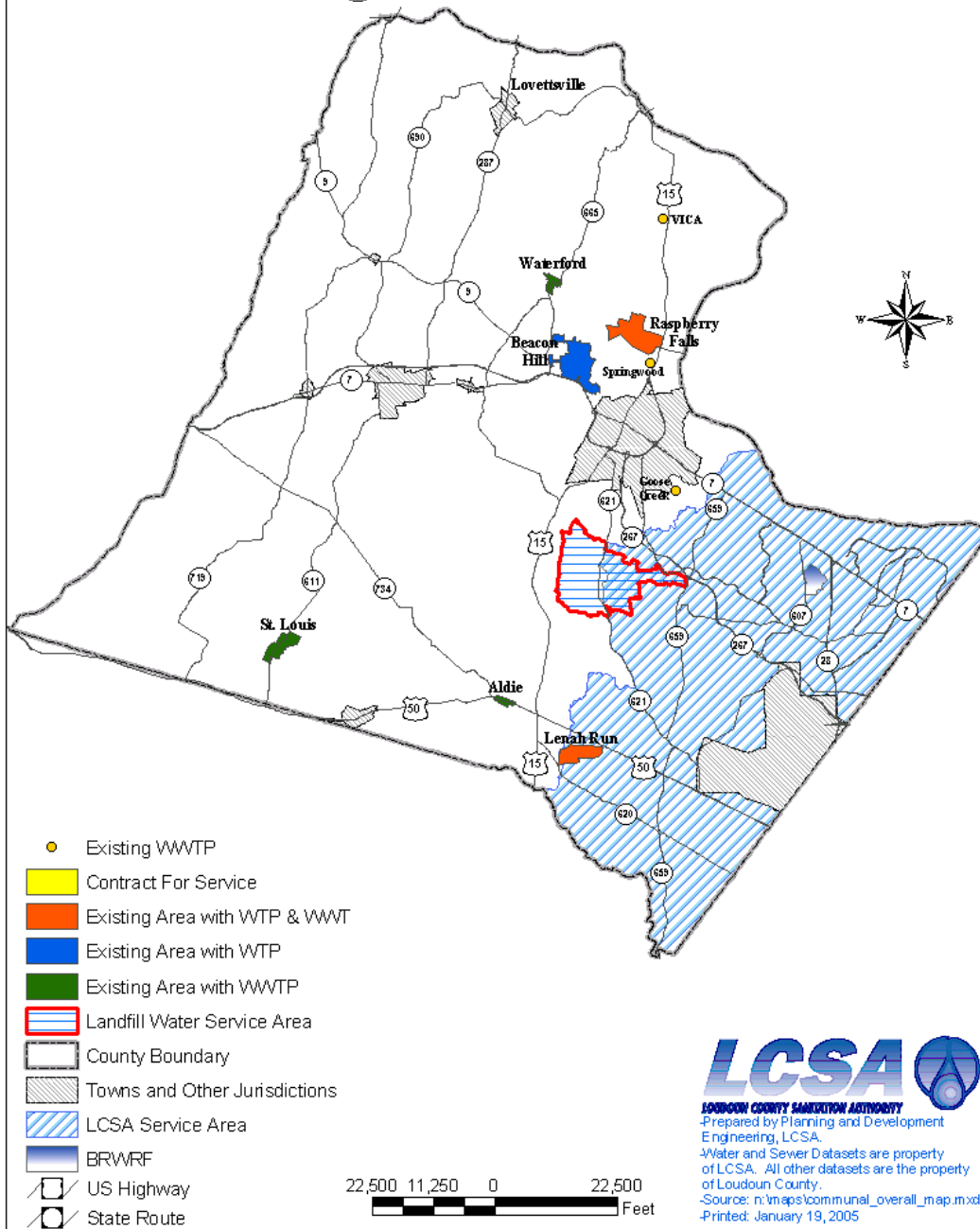
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LCSA Overview

- Established in 1959 to provide water and sewer to the unincorporated areas of Loudoun County
- Customer Base: Approx. 46,000 residential accounts
- Facilities Base: 760 miles of water mains, 600 miles of sewer mains

Existing LCSA Service Areas



Typical LCSA Facilities



Water Resource Initiatives

- Wastewater Treatment Plant Effluent Quality
- Water Conservation/Wise Water Use
- Wellhead Protection
- Source Water Protection

Water Resource Initiatives – cont'd.

- Wellhead Protection
 - Program to work with citizens and businesses located in the areas surrounding wells serving communities to protect groundwater through conservation, proper disposal of household hazardous waste, proper application of pesticides/fertilizers, etc., and proper management of facilities such as golf courses and equestrian centers

Water Resource Initiatives – cont'd.

- Goose Creek Source Water Protection Program
 - Provides guidelines, practices, and partnership actions to help protect Goose Creek by controlling runoff resulting from ultimate land use. Provides tools for watershed protection including stream buffers; pre-development BMPs, post-development BMPs, and agricultural BMPs; watershed monitoring; water supplier and stakeholder MOUs;...Provides a recommended implementation plan.